

# King County DNRP Water Quality Index

STATION **SFK SNO** WATER YEAR **2018**

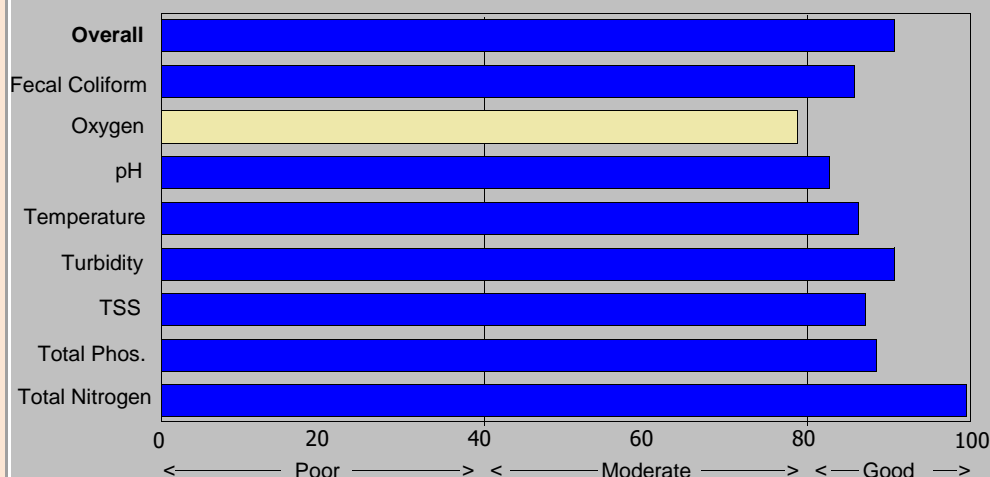
**GAUGE # 55S South Fork Snoqualmie**

**Overall Index 91**

King County monitors water quality on the South Fork Snoqualmie River at station SFK\_SNO located at the Snoqualmie Valley Trail just below the North Bend wastewater treatment plant. Sampling began at this station in 2011. The South Fork originates in Snoqualmie Pass at Source Lake and runs 30 miles before joining the mainstem of the Snoqualmie River near the Three Forks Natural Area. It drains 51,840 acres of land, much of which is within the Mount Baker – Snoqualmie National Forest. A small stretch of the South Fork of the Snoqualmie within Twin Falls State Park is listed on the Washington State Department of Ecology's 303(d) list, Category 5, for having low pH values in the 1980s. The South Fork is also on Ecology's Category 4a list as part of the Snoqualmie River Watershed Multi-parameter TMDL.

## Annual Water Quality Index Scores

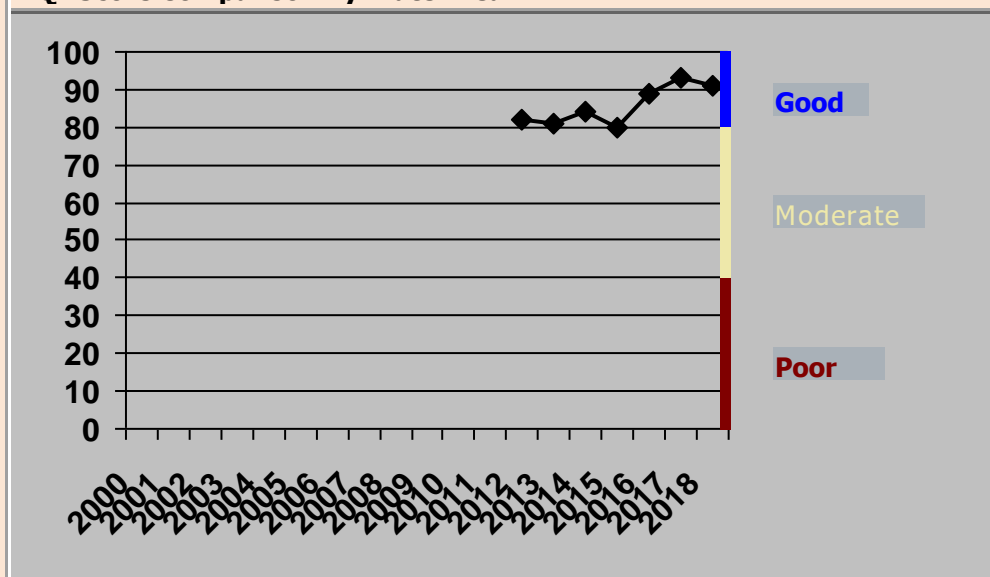
Water quality was GOOD based on data collected 10/1/2017 to 9/30/2018.



## Monthly Scores For Water Year 2018

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
95	98	93	98	95	99	96	98	94	89	91	92

## WQI Score Comparison By Water Year



## About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <https://green2.kingcounty.gov/streamsdata/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>